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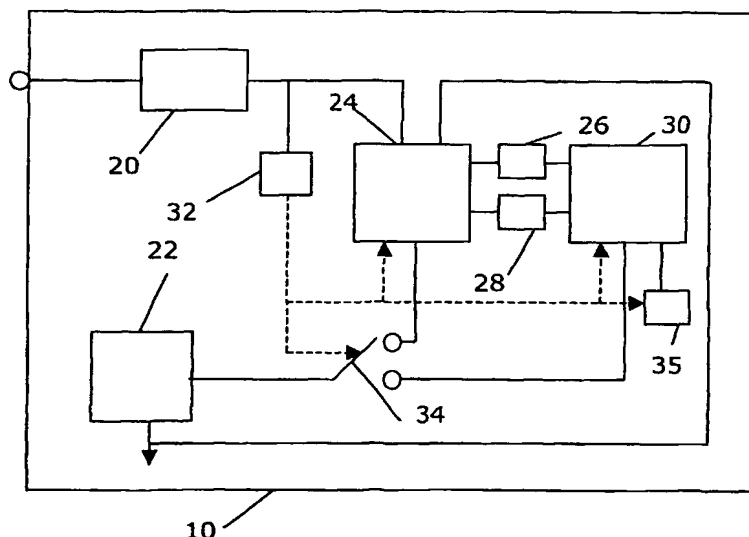
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(54) Title: **OSCILLATOR FREQUENCY CONTROL**



(57) Abstract: The present invention is directed towards a method and devices for regulating the frequency of a frequency source (22). A control unit (24) supplies a new control value to the frequency source, said value being determined by the frequency source frequency and the reference frequency, and calculates a rate of change value at least based on the new and a previous control value if there is contact with the reference frequency generator and storing these values in corresponding stores (26, 28). Another control unit (30) calculates a new control value based on the rate of change value from the rate of change store (28) and the last used control value from the control value store (26) and supplies the new control value to the frequency source (22) for controlling it, if there is no contact with the reference generator.